



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2001

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

MICHIGAN, East

MIZ068

Livingston

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|-----------|--|-------------|
| 01 | 0400EST | | | | 0 | 0 | 4K | | Snow |
| | 1200EST | | | | | | | | |

A complex low pressure system moved east across lower Michigan during the morning. Precipitation fell as a mix of rain and snow, and was generally light. Livingston County was an exception, seeing both heavier precipitation and almost all snow. By afternoon, up to 3 inches had fallen in and near Howell. The April Fools Day snow collapsed several tents at Howell High School, where a home show was in progress. Numerous accidents were reported in the Brighton area.

Livingston County
Brighton

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|-----------|--|------------------|
| 06 | 0651EST | | | | 0 | 0 | 3K | | Lightning |
|-----------|----------------|--|--|--|----------|----------|-----------|--|------------------|

Lightning struck the chimney of a Brighton home, damaging moldings, drywall, and carpeting. A computer in the home also received electrical damage.

Oakland County
4 SE Ortonville

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|------------|--|------------------|
| 07 | 0230EST | | | | 0 | 0 | 10K | | Lightning |
|-----------|----------------|--|--|--|----------|----------|------------|--|------------------|

Lightning struck a satellite dish outside a Brandon Township residence. The strike followed the outside wiring and entered the home. A fire resulted, and the contents of the basement were lost.

Monroe County
Luna Pier

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|
| 07 | 1712EST | | | | 0 | 0 | | | Hail(0.75) |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|

A few thunderstorms developed along the Lake Erie shoreline late in the afternoon. One of these produced penny sized hail in Luna Pier, just before moving out over the lake.

Genesee County
Fenton

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|
| 09 | 0746EST | | | | 0 | 0 | | | Hail(0.75) |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|

Lenawee County
4 N Adrian to
Adrian

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|
| 09 | 0905EST | | | | 0 | 0 | | | Hail(1.25) |
| | 0911EST | | | | | | | | |

Washtenaw County
Manchester

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|
| 09 | 0911EST | | | | 0 | 0 | | | Hail(1.75) |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|

Washtenaw County
3 N Dexter

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|
| 09 | 0915EST | | | | 0 | 0 | | | Hail(0.75) |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|

Washtenaw County
Saline

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|
| 09 | 0922EST | | | | 0 | 0 | | | Hail(1.75) |
| | 0927EST | | | | | | | | |

Monroe County
Cone

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|
| 09 | 0925EST | | | | 0 | 0 | | | Hail(1.75) |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|

Washtenaw County
Ann Arbor to
Ypsilanti

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|
| 09 | 0930EST | | | | 0 | 0 | | | Hail(1.75) |
| | 0940EST | | | | | | | | |

Washtenaw County
Salem

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|
| 09 | 0945EST | | | | 0 | 0 | | | Hail(0.75) |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|

Wayne County
Belleville

| | | | | | | | | | |
|-----------|----------------|--|--|--|----------|----------|--|--|-------------------|
| 09 | 0945EST | | | | 0 | 0 | | | Hail(3.50) |
| | 0950EST | | | | | | | | |



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| | | | | | Killed | Injured | Property | Crops | |

MICHIGAN, East



Hailstone photo courtesy of spotter in Belleville.

| | | | | | | | | | |
|------------------------------|----|---------|--|--|---|---|--|--|------------|
| Wayne County Dearborn | 09 | 1000EST | | | 0 | 0 | | | Hail(0.75) |
| Macomb County Warren | 09 | 1028EST | | | 0 | 0 | | | Hail(0.75) |
| Oakland County Southfield | 09 | 1035EST | | | 0 | 0 | | | Hail(0.75) |
| Macomb County Roseville | 09 | 1045EST | | | 0 | 0 | | | Hail(0.75) |

A stationary front lay west-to-east across northern Indiana and Ohio. Temperatures north of the front in southeast Michigan were only in the 40s. Despite this, warm moist air poured into the region aloft, providing a source of elevated instability. A cluster of showers and thunderstorms strengthened as it moved east into southeast Michigan during the morning. A number of these produced large hail, making for an unusually chilly severe weather episode.

| | | | | | | | | | |
|-----------------------------------|----|---------|--|--|---|---|--|--|------------|
| Lenawee County 2 W Rome Center | 10 | 0230EST | | | 0 | 0 | | | Hail(0.75) |
|-----------------------------------|----|---------|--|--|---|---|--|--|------------|

Like the day before, a front was nearly stationary across Indiana and Ohio. Again, enough instability was found aloft for thunderstorm development, though the environment was more favorable for storms to the south and west of southeast Michigan. A storm developed in Hillsdale County, Michigan toward 3 am EDT. The storm tended to weaken as it moved into Lenawee County, but not before producing dime sized hail in the western part of the county.

| | | | | | | | | | |
|----------------|-------------------------|--|--|--|---|---|-----|--|------------------------------|
| MIZ062-076-083 | Lapeer - Wayne - Monroe | | | | | | | | |
| 12 | 0400EST | | | | 0 | 0 | 89K | | High Wind (G53) ^M |
| | 1900EST | | | | | | | | |

| | | | | | | | | | |
|------------------------|--|--|--|--|---|---|------|--|------|
| MIZ063-069>070-075-082 | St. Clair - Oakland - Macomb - Washtenaw - Lenawee | | | | | | | | |
| 12 | 0400EST | | | | 0 | 1 | 1.0M | | Wind |
| | 1900EST | | | | | | | | |

A strong cold front moved across southeast Michigan in the morning. Strong winds were observed across much of the area after the front went through. In a few spots, the winds reached high wind criteria: Willow Run Airport measured a 61 mph wind gust.



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MICHIGAN, East

Several communications towers were blown down in Monroe County.

Several trees and a large barn were destroyed on a farm near Almont

Across the rest of southeast Michigan, most of the damage comprised of isolated trees, large limbs, and power lines being downed, as winds gusted around 50 mph at times. An indirect fatality occurred in Detroit, where a 9 year old boy came in contact with a fallen power line, and was electrocuted. In Ann Arbor, a 7 year old boy suffered minor injuries when a soccer net was blown over onto his head. The Detroit Lions practice dome in Pontiac collapsed in the strong winds. In Lake Orion, a tree downed at a dealership damaged or destroyed 8 new cars. Nearby in Oxford, a cinder block wall inside a school bus garage was toppled, and shingles were blown off a school roof. A freeway sign was downed onto 11 Mile Road in Royal Oak. In Warren, a golf dome was destroyed. An apartment complex in Chesterfield Township (Macomb County) saw a brick facade sheared off; the bricks landed on a row of gas meters, and the building was evacuated until the gas could be shut off. In Port Huron, a large sign was torn off the roof of a business, landing on a car parked outside. Near Dundee, a boat being towed behind a car was blown over.

MIZ068-075

Livingston - Washtenaw

**17 0600EST
1000EST**

0 0

Snow

Strong low pressure along the east coast ushered in unseasonably cold air into the Great Lakes region. An upper level disturbance triggered light snow during the early morning hours. A band of heavier snow set up over parts of Livingston and Washtenaw Counties, producing a quick inch of icy accumulation, just in time for the morning commute. A number of accidents occurred, including several rollovers. There were several minor injuries, indirectly attributed to the snowy conditions.

Shiawassee County

Owosso

23 1605EST

0 0

6K

Thunderstorm Wind (G52)

Trees and power lines were downed.

Saginaw County

Saginaw

23 1610EST

0 0

5K

Thunderstorm Wind (G52)

Trees were downed.

Genesee County

Flint

23 1630EST

0 0

Thunderstorm Wind (G53)^M

A spotter measured a 61 mph wind gust at Atherton and Fenton.

Tuscola County

Vassar

23 1640EST

0 0

1K

Thunderstorm Wind (G50)

Shingles were torn off a barn roof.

Huron County

Bad Axe

23 1710EST

0 0

2.5K

Thunderstorm Wind (G50)

A large Big Boy sign was toppled.

Washtenaw County

Ann Arbor

23 1745EST

0 0

10K

Thunderstorm Wind (G52)

A tree and several large limbs were downed onto State Street, landing on two cars.

Wayne County

Willow Run Arpt

23 1749EST

0 0

Thunderstorm Wind (G52)^M

60 mph gust was measured at Willow Run Airport.

Washtenaw County

2 NW Salem

23 1755EST

0 0

35K

Thunderstorm Wind (G55)

A mobile home was overturned.

Oakland County

4.5 W Pontiac

23 1805EST

0 0

5K

Thunderstorm Wind (G52)

Trees limbs were downed, fencing destroyed, and windows of a home were damaged near Elizabeth Lake and Cooley Lake in Waterford.



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MICHIGAN, East

Wayne County

| | | | | | | | | | |
|----------------|-----------|----------------|--|--|----------|----------|--|--|--|
| Redford | 23 | 1806EST | | | 0 | 0 | | | Thunderstorm Wind (G56)^M |
|----------------|-----------|----------------|--|--|----------|----------|--|--|--|

A spotter in Redford measured a 65 mph gust.

Oakland County

| | | | | | | | | | |
|------------------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------------------|
| Rochester Hills | 23 | 1815EST | | | 0 | 0 | 6K | | Thunderstorm Wind (G52) |
|------------------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------------------|

A carport was destroyed, and power lines were downed.

Macomb County

| | | | | | | | | | |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------------------|
| Washington | 23 | 1825EST | | | 0 | 0 | 3K | | Thunderstorm Wind (G50) |
|-------------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------------------|

Power lines were blown down.

Midland County

| | | | | | | | | | |
|----------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------------------|
| Coleman | 23 | 1834EST | | | 0 | 0 | 4K | | Thunderstorm Wind (G55) |
|----------------|-----------|----------------|--|--|----------|----------|-----------|--|--------------------------------|

A garage door and some windows were blown out of an EMS center.

A strong low pressure system moved northeast across the northern Great Lakes. The low pushed a cold front into southeast Michigan in the evening. Thunderstorms ignited ahead of the cold front, and several became severe, producing sporadic wind damage.